

Project Title	Funding	Strategic Plan Objective	Institution
Vasopressin receptor polymorphism and social cognition	\$373,005	Q2.Other	Agnes Scott College
Corticothalamic circuit interactions in autism	\$50,000	Q2.Other	Boston Children's Hospital
Investigating brain connectivity in autism at the whole-brain level	\$90,000	Q2.Other	California Institute of Technology
Using functional physiology to uncover the fundamental principles of visual cortex	\$307,593	Q2.Other	Carnegie Mellon University
Linguistic perspective-taking in adults with high-functioning autism: Investigation of the mirror neuron system	\$0	Q2.Other	Carnegie Mellon University
Alterations in brain-wide neuroanatomy in autism mouse models	\$0	Q2.Other	Cold Spring Harbor Laboratory
CAREER: Integrative behavioural and neurophysiological studies of normal and autistic cognition using video game environments	\$0	Q2.Other	Cornell University
Neural systems for the extraction of socially-relevant information from faces	\$51,783	Q2.Other	Dartmouth College
Neural underpinning of emotion perception and its disorders	\$15,000	Q2.Other	Dartmouth College
Neural basis of empathy and its dysfunction in autism spectrum disorders (ASD)	\$0	Q2.Other	Duke University
Cross-modal interactions between vision and touch	\$480,343	Q2.Other	Emory University
Behavioral and neural processing of faces and expressions in nonhuman primates	\$435,600	Q2.Other	Emory University
Neuroimaging of top-down control and bottom-up processes in childhood ASD	\$386,859	Q2.Other	Georgetown University
Molecular controls over callosal projection neuron subtype specification and diversity	\$41,800	Q2.Other	Harvard University
Behavioral and neural responses to emotional faces in individuals with ASD	\$14,935	Q2.Other	Harvard University
Neurobiological signatures of audiovisual speech perception in children in ASD	\$240,420	Q2.Other	Haskins Laboratories, Inc.
EEG-based assessment of functional connectivity in autism	\$175,176	Q2.Other	Kennedy Krieger Institute
Neural mechanisms for social cognition in autism spectrum disorders	\$112,523	Q2.Other	Massachusetts Institute of Technology
Brain bases of language deficits in SLI and ASD	\$651,988	Q2.Other	Massachusetts Institute of Technology
Controlling interareal gamma coherence by optogenetics, pharmacology and behavior	\$83,521	Q2.Other	Massachusetts Institute of Technology
Are neuronal defects in the cerebral cortex linked to autism?	\$0	Q2.Other	Memorial Sloan-Kettering Cancer Center
Functional anatomy of face processing in the primate brain	\$1,720,556	Q2.Other	National Institutes of Health
The cognitive neuroscience of autism spectrum disorders	\$1,102,811	Q2.Other	National Institutes of Health

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Diffuse optical brain imaging	\$182,022	Q2.Other	National Institutes of Health
Development of brain connectivity in autism	\$0	Q2.Other	New York School of Medicine
The integration of interneurons into cortical microcircuits	\$75,000	Q2.Other	New York University School of Medicine
The brain genomics superstruct project	\$75,000	Q2.S.G	President & Fellows of Harvard College
Head-fixed recording of sensory learning in mouse autism models	\$60,000	Q2.Other	Princeton University
Social and affective components of communication	\$298,757	Q2.Other	Salk Institute For Biological Studies
Structural and functional connectivity of large-scale brain networks in autism spectrum disorders	\$168,978	Q2.Other	Stanford University
Face perception: Mapping psychological spaces to neural responses	\$79,992	Q2.Other	Stanford University
Structural brain differences between autistic and typically-developing siblings	\$13,020	Q2.Other	Stanford University
Social behavior deficits in autism: Role of amygdala	\$92,074	Q2.Other	State University of New York Upstate Medical Center
A developmental social neuroscience approach to perception-action relations	\$0	Q2.Other	Temple University
Behavioral and functional neuroimaging investigations of visual perception and cognition in autistics	\$0	Q2.Other	Université de Montréal
Synchronous activity in networks of electrically coupled cortical interneurons	\$0	Q2.Other	University of California, Davis
Cognitive control in autism	\$152,627	Q2.Other	University of California, Davis
Learning in autism spectrum disorders	\$0	Q2.Other	University of California, Davis
ACE Center: Mirror neuron and reward circuitry in autism	\$302,654	Q2.Other	University of California, Los Angeles
fMRI study of reward responsiveness of children with autism spectrum disorder	\$53,566	Q2.Other	University of California, Los Angeles
Neural mechanisms of imitative behavior: Implications for mental health	\$32,696	Q2.Other	University of California, Los Angeles
fMRI studies of neural dysfunction in autistic toddlers	\$536,393	Q2.Other	University of California, San Diego
Neurocognitive mechanisms underlying children's theory of mind development	\$74,160	Q2.Other	University of California, San Diego
ACE Center: Imaging the autistic brain before it knows it has autism	\$197,682	Q2.Other	University of California, San Diego
Neocortical mechanisms of categorical speech perception	\$240,744	Q2.Other	University of California, San Francisco
Neural synchronydysfunction of gamma oscillations in autism	\$265,073	Q2.Other	University of Colorado Denver
Neurobiological mechanisms of insistence on sameness in autism	\$0	Q2.Other	University of Illinois at Chicago

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The neural correlates of transient and sustained executive control in children with autism spectrum disorder	\$0	Q2.Other	University of Missouri
Diffusion tensor MR spectroscopic imaging in human brain	\$185,213	Q2.Other	University of New Mexico Health Sciences Center
Genome-wide identification of variants affecting early human brain development	\$504,632	Q2.S.G	University of North Carolina at Chapel Hill
Behavioral and neural correlates of reward motivation in children with autism spectrum disorders	\$27,554	Q2.Other	University of North Carolina at Chapel Hill
Cognitive control of emotion in autism	\$103,256	Q2.Other	University of Pittsburgh
ACE Center: Systems connectivity + brain activation:imaging studies of language + perception	\$426,284	Q2.Other	University of Pittsburgh
Neurodevelopmental mechanisms of social behavior	\$331,208	Q2.Other	University of Southern California
Neurodevelopmental mechanisms of social behavior (supplement)	\$198,063	Q2.Other	University of Southern California
Neuroimaging of social perception	\$242,812	Q2.Other	University of Virginia
Defining the dynamics of the default network with direct brain recordings and functional MRI	\$144,317	Q2.Other	University of Washington
Multimodal brain imaging in autism spectrum disorders	\$167,832	Q2.Other	University of Washington
Synaptic processing in the basal ganglia	\$378,166	Q2.Other	University of Washington
Neural mechanisms underlying an extended multisensory temporal binding window in ASD	\$0	Q2.Other	Vanderbilt University
Neurobehavioral investigation of tactile features in autism spectrum disorders	\$159,480	Q2.Other	Vanderbilt University
Brain circuitry in simplex autism	\$0	Q2.Other	Washington University in St. Louis
ACE Center: Neuroimaging studies of connectivity in ASD	\$324,271	Q2.Other	Yale University
Functional properties and directed connectivity in the face-processing network	\$53,042	Q2.Other	Yale University
The neural basis of weak central coherence in autism spectrum disorders	\$13,040	Q2.Other	Yale University
Social brain networks for the detection of agents and intentions	\$413,750	Q2.Other	Yale University

